

## ABSTRACT OF THE DISCLOSURE

A through-the-washer-dryer pouch-type detergent bag and method of use. The detergent bag is made of air and water permeable material and it has an interior chamber having a total volume  $V$ . A predetermined weight and volume of granular detergent particulate is deposited in said chamber. The volume of the detergent particulate is in a specific range and the remaining air volume of the chamber is also in a specific range. The pouch type detergent bag puffs up when it is dropped into water and air fills the unoccupied space of the chamber. As water permeates the interior chamber of the bag, the water dissolves the detergent and the detergent and air are forced out of the chamber causing the detergent bag to flatten and collapse. As the detergent bag continues through the wash cycle it curls up and becomes a wad of material.